



EXPERIENCE YOUR AMERICA

National Park Service
U.S. Department of the Interior
Golden Gate National Parks
Parks As Classrooms
Fort Mason, Bldg. 201
San Francisco, CA 94123

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U.S. Department of the Interior

Parks As Classrooms
Golden Gate National Parks



Parks As Classrooms Grades: K through 12

Enjoy a National Park Experience!



2005-2006

All Programs are FREE!

Limited transportation available.

National Parks in the City? Yes!

Welcome to *Parks As Classrooms* at the Golden Gate National Parks. From fragile native habitats to historic landmarks, ancient redwood groves to dramatic coastal preserve, the parks' value as an urban education resource is unsurpassed.

Award-winning, curriculum-based programs help students achieve academically, stimulate professional growth for teachers, and encourage students to understand and address major environmental and cultural issues, both in their communities and in national parks. Programs include classroom lessons, on-site hands-on learning, and culminating activities in which students transfer new knowledge and skills to their school community.

www.nps.gov/goga/education

Crissy Field Center in the Presidio of San Francisco

A partnership between the Golden Gate National Parks Conservancy and the National Park Service, the Crissy Field Center reaffirms and strengthens the NPS's commitment to quality K-through-12 education. The Center offers multicultural programs that actively engage us with our environments and promote collaborations in building a more sustainable and environmentally just society. For information on programs at the Crissy Field Center please visit:

www.crissyfield.org



Student materials available in Spanish & Chinese

"My class gained so much for the experience, and it complemented our science curriculum beautifully."

—Tina Flowers
Commodore Sloat
Elementary



K-5

Sensible Habitats Grades K-2

Ever kiss a banana slug? From hillside to bayside, the environment around Fort Point National Historic Site displays an intriguing diversity of plant and animal life. Applying the senses, students engage in activities that help them develop an appreciation for terrestrial and aquatic habitats. They observe, describe, compare, and experience the wildlife to be found, from songbirds to rock crabs and all the little creatures in between. *Teacher workshop required.*

Artillery, Bricks & Company Grades 3-5

Why does San Francisco have the only massive brick and granite seacoast fortification on the West Coast? At the height of the Gold Rush, Fort Point was built and garrisoned with soldiers ordered to protect the city, its harbor, and the maritime resources that sailed through it. Self-guided activities and observations help students uncover the daily lives of soldiers and the intricate work of stonemasons. *Artillery, Bricks & Co.* will help your students understand how and why forts were built. *For reservations, please call (415) 561-4315.*

Into the Redwood Forest Grades 3-5

Your class discovers the magic of Muir Woods National Monument, which preserves one of the last remaining old-growth forests in the Bay Area. The program weaves science, art, and journaling to introduce students to Muir Woods' history and habitats. Students collect and organize data, link plant and animal communities within the forest, and represent these interdependent communities through artistic explorations, such as drawings and three-dimensional models. *Teacher workshop required.*

"I really enjoyed that my students learned in a hands-on way. The staff was very open to my students' needs."

—Jeanetta Riddle
Aptos Middle School



Nature's Classroom *Grades K-5*

Your students travel on a self-guided, inquiry-based journey through Muir Woods and other natural communities along the Redwood Creek Watershed. They consider the interrelationships of the forest communities and record their observations in journals. *For reservations, please call (415) 388-2596.*

6-8

Alcatraz Uncovered *Grades 6-8*

Excite your students about history's mysteries by using Alcatraz Island as your archeological case study. Besides being a popular national park site, Alcatraz served as a military post from 1859 to 1933, a federal penitentiary from 1934 to 1963, the site of an American Indian civil rights protest from 1969 to 1971, nesting site for thousands of birds annually, and the subject of many Hollywood movies. Students search for clues from each historic era and draw conclusions about daily lives and cultural perspectives, and contemplate issues facing individuals within each of these time periods. *Teacher workshop required.*

Rocks on the Move *Grades 6-8*

Here's your chance to take your class on a hike through underwater volcanoes that erupted millions of years ago. Students study the global geologic forces that formed today's dramatic Bay Area landscape, and then come to the Marin Headlands to conduct a detailed geologic trail exploration to unveil how these global forces are recorded in local rocks. Activities challenge students to use observational and critical-thinking skills to speculate about possible future geologic developments. *Teacher workshop required.*

Here's the Dirt! *Grades 6-8*

See what it takes to grow a national park—get down and dirty in the Golden Gate Native Plant Nurseries, where you'll help NPS, Parks Conservancy, and Presidio Trust staff grow native plants that will be used in habitat restoration. A box filled with fun, pre-visit activities prepares your students for their nursery experience. On-site, students engage in a variety of nursery tasks, including transplanting, composting, seed cleaning, and plant identification. Not only will your students learn about the environmental value of native plants, seed dispersal, plant diversity, and plant adaptation, they will also forge valuable connections to their neighborhood national park.

Teacher workshop required.

"We as teachers need someone to nurture and encourage us as we envision ways to better serve our students. For me, the Golden Gate National Parks has been a constant in that respect."

—Catherine Salvin
Downtown High School



9-12

Unlocking Alcatraz *Grades 11-12*

Alcatraz Island is a metaphor for our on-going struggle to define freedom. Students use documents and other media to understand the island's tempestuous history during the Federal Penitentiary years (1934-1963) and the American Indian Occupation (1969-1971). The penitentiary is a departure point for discussing the American justice system. Examining the Occupation enables students to study civil unrest during the 1960s and draw parallels among the civil rights movements of the last fifty years. *For reservations, please call (415) 561-4905.*

**Each program is limited
to one class only.**

Please see www.nps.gov/goga/education
or call (415) 561-4757 for details of all programs.



Service Learning

Grades 6-12

Engage your students in project-based learning. Sharpen their study, social and critical thinking skills. Challenge them to understand and address major environmental issues.



Your students can play a pivotal role in preserving and protecting National Park lands and have great fun doing it.

Golden Gate Nurseries

Students work side-by-side with NPS, Parks Conservancy, and Presidio Trust staff, growing and caring for native plants that will eventually be used to restore habitat throughout the Golden Gate National Parks. By taking part in a variety of activities, students learn about plant adaptation, plant diversity, and seed dispersal. Activities include transplanting, pruning, seed cleaning, weeding, planting, pot washing, and composting. National Park Service native plant nurseries are located at Fort Funston, Marin Headlands, Muir Woods, and the Presidio of San Francisco.

Habitat Heroes

Students gain a greater understanding of academic science by applying their skills to a National Park restoration site. Students learn about the restoration cycle, what's required to manage a site, plant biology and plant adaptations. Activities may include removal of exotic species or planting of native species. *For reservations for Service Learning only, please call (415) 668-8429.*

How to Register

Mail completed registration form to
*Golden Gate National Parks
Parks As Classrooms
Fort Mason, Bldg. 201
San Francisco, CA 94123
or email: Lynn_Fonfa@nps.gov*

School Program Registration Form

Teacher _____

School _____

Grade _____

of Students _____ # of Chaperones _____

Mailing Address _____

City _____ Zip _____

School Phone _____

Email _____

Workshop Dates

- ☐ Sensible Habitats (01/19/06)
- ☐ Into the Redwood Forest (01/21/06)
- ☐ Alcatraz Uncovered (02/25/06)
- ☐ Rocks on the Move (10/15/05)
- ☐ Here's the Dirt! (01/21/06)

Do your students have any special needs--language, accessibility, etc? If so, please detail:

Confirmation

Directions and additional program information will be included with your confirmation letter.

I heard about the programs from:

- ☐ A colleague
- ☐ Presidio Teachers' Night
- ☐ Website
- ☐ I've participated in park programs